

THE TECH

VOL. XXVI. No. 84

BOSTON, MASS., WEDNESDAY, MAY 15, 1907

PRICE THREE CENTS

TENNIS MEET WITH HARVARD.

Prospect Good for a Close and Exciting Contest.

Tomorrow afternoon Technology and Harvard again come together in a dual Tennis Meet on the courts at Jarvis Field in Cambridge. The Tech team will consist of J. I. B. Larned, '08; W. B. Coffin, '07; J. S. Nicholl, '07; and P. R. Fanning, '09; while the Harvard entries will in all probability be Morse, Pell, Reggio, and Pearson.

With the exception of one addition, that of Larned, the Tech team is the same as that which represented the Institute so creditably in the Intercollegiates last year. The new man, Larned, who is a tennis player of long experience and great ability, was at Tech last year but was debarred from competing by the one year rule. He is a Harvard graduate, and played on the team there for three years. That he is ranked eighth among the western cracks shows he is a tennis star of the first magnitude.

Nicholl and Fanning were the pair that last year won the doubles in the annual tournament of the New England Intercollegiate Tennis Association. Coffin also represented Technology last year in the singles, and this year in addition to his work in the single court he is playing the doubles with Larned.

In the meet with Harvard tomorrow all four men will each play a match in the singles and in the doubles Larned and Coffin will play together while Nicholl and Fanning will make up the other team.

Last Saturday Harvard badly defeated Princeton, and is expected to outclass Yale when the two meet later in the season. However, Tech has a tennis team of no mean ability, it has been practising hard and it should give the Harvard team a good contest.

TITLE OF THESES—CLASS OF 1907.

COURSES XII, IV AND VIII.

The following men among the architects and naval architects are at work or have completed the following theses:

F. Bachman, "Efficiency Tests of Pneumatic Ship Tools."

C. M. Curl and A. H. Jansson, "Boiler Test."

S. J. Egan, "Thesis Design of Canal Boat."

W. D. Robinson and H. S. Wonsen, "Endurance and Efficiency Test of Turbine Steamer, Governor Cobb."

D. A. Loomis, "Boiler Test on Governor Cobb."

B. K. Sharp, "Speed Trials. Relative Efficiency of Solid and Collapsible Wheel on Auxiliary Yachts."

E. N. Briggs, "Design of a Yacht."

F. O. Adams, "Design for a Southern Country House."

C. F. Baker, "Design for a Community Club."

E. W. Bonta, "Design for a Church after the French Gothic."

W. B. Coffin, "Design for a Spa Casino."

P. L. Cummings, "Design for a University Club in a Large City."

1910 DEFEATS 1909.

Freshmen Win in First Game of Championship Series, 12 to 3.

Victory fell to the Freshmen yesterday afternoon as a result of the first game of the inter-class championship series. The first part of the game was loosely and carelessly played especially by the Sophomores.

After the third inning both teams settled down and each played a splendid game. The only run made in the last six innings was one brought in by the Sophomores. In the same time the Freshmen seemed unable to score.

1909 was especially good in the stick work while 1910 excelled in the field. The notable feature of the game was the work of the Freshman pitcher who by his excellent speed and control struck out seventeen men. The star play of the game was a clean home run knocked out by Glancy the first time he came to bat.

In the first inning Maxcy's pitching was wild, hitting two men, and letting in two runs. In the last half of the same inning 1910 secured four hits off Sherman and sent three men to first base on balls, scoring five runs. In the first half of the second inning Glancy and Sherman struck out, and Perry was caught out at first. The freshmen by securing five hits and two bases on balls scored five runs.

About the same performance was repeated in the third inning and then both teams settled down to very good, steady baseball. The game lasted till after 6.30.

The summary:

TECH 1910				
	BH	PO	A	E
O' Hearn, c.	0	18	2	1
Arkell, i.f.	1	1	0	0
Loutit, r.f.	3	0	1	0
Maxcy, p.	2	0	1	0
C. Jones, s.s.	2	0	0	0
Billings, 2b.	0	0	2	1
Harris, 3b.	3	1	1	0
Greene, 1b.	3	7	0	0
Chase, c.f.	0	0	0	0
R. Jones, c.f.	0	0	0	0
	14	29	7	2

TECH 1909									
	BH		PO		A		E		
Applin, 3b.	1		4		2		3		
Glancy, 1b.	1		8		0		0		
Kelly, 2b.	0	0	0	0	0	0	0	0	
Ware, c.f.	0		1		0		0		
Nichols, c.	3		9		0		4		
Wentworth, s.s.	1		1		3		0		
Perry, 1.f.	1		1		0		0		
Pierce, r.f	1		0		0		1		
Sherman, p.	0		0		1		1		
Sharp, c.f.	0		0		0		0		
	9		24		6		9		
Innings	1	2	3	4	5	6	7	8	9
Tech, 1909	2	0	0	0	0	0	0	0	0
Tech, 1910	5	5	2	0	0	0	0	0	0

Runs made by O'Hearn 2, Maxcy 3, C. Jones 1, Applin 1, Billings 2, Glancy 1, Harris 2, Nichols 1, Loutit 2.

Two Base Hits, Harris, Greene, Loutit. Three base hits, Loutit. Home run, Glancy. Stolen bases, Greene, Pierce 3, Applin, Loutit 2, Kelly 3, Jones, Nichols, Perry 2, Sherman. Base on balls, Sherman 6, Maxcy 6. Struck out by Maxcy 17, Sherman 6. Sacrifice hits, Wentworth. Double plays, Wentworth to Glancy, Kelly to Glancy. Hit by pitched ball, Applin, Kelly. Wild pitches, Maxcy. Passed balls, O'Hearn. Umpires, D. Bowman, W. N. McKenna. Time, 2 hours 10 minutes.

PRIZE DRILL.

Battalion Holds Annual Contest on Friday Evening.

On Friday evening at 7.30 o'clock will be held the Annual Prize Drill of the M. I. T. Battalion. A dinner will be given to the winning company by the drill committee Tuesday evening at six o'clock. H. L. Carter, '08; A. W. Heath, '08; and C. L. Lufkin, '08; will act as judges. The committee having the drill in charge is composed of H. L. Lang, '09, chairman; M. Elliott, '10; A. R. Nagle, '10; C. N. White, '10; C. H. Shaw, '10; L. T. Hemmenway, '10; and E. Jacobs, '10. Tickets for the drill may be obtained from any one of these men at the price of twenty-five cents each.

The program will be as follows:
I Battalion Formation, Adjutant Lang.

II Battalion Drill, Major Dolke.

III Competitive Company Drill.

1. Company C. Capt. Shillaber, 2. Company B. Capt. Clifford.

IV Competitive Individual Drill.

1st Squad, Lieut. French, 2nd Squad, Lieut. Lang.

V Competitive Company Drill.

1. Co. A. Capt. Keables, 2. Co. D. Capt. Bingham.

VI Evening Parade, Major Dolke.

VII Presentation of Prizes by Dean Burton and Major Wheeler.

CHANCES IN FACULTY.

The Executive Committee of the Corporation announces a long list of changes in the instructing staff of the Institute. The new appointments are:

R. A. Daly, Ph.D., professor of physical geology.

Associate professors, E. B. Wilson, mathematics; G. N. Lewis, Ph.D., research in physical chemistry; E. B. Phelps, S. B., research in chemical biology.

Instructors, N. J. Lennes, and H. B. Phillips, mathematics; R. C. Tolman, and R. S. Williams, chemistry.

Assistants, C. R. Bragdon, P. R. Fiske, F. B. Shields, and H. W. Mahn, chemistry.

The promotions are: from associate to full professor, J. O. Sumner, F. N. Bailey, H. Fay; from assistant to associate professor, H. G. Pearson, R. R. Lawrence, G. C. Shaad; from instructor to assistant professor, S. M. Passano, G. L. Hosmer, C. B. Breed, M. DeK. Thompson, H. L. Seaver; from assistant to instructor, C. N. Colleston, H. G. Crane, G. A. Rodenbaeck.

C. M. Swan, C. L. E. Moore, and H. S. Dike have secured leaves of absence, while D. F. Comstock has returned from a leave of absence.

James T. Kemp has been appointed lecturer on economic geology, and M. C. Whitaker on factory organization.

During the past winter semester there were 905 women in attendance at the technical schools of Germany. Of these there were 318 at Stuttgart, 173 at Brunswick, 148 at Hanover, 91 at Karlsruhe, 83 at Charlottenberg, 58 at Darmstadt, 25 at Dresden, and 9 at Munich.

CALENDAR.

WEDNESDAY, MAY 15.

5.00 P.M. Class Day Committee Meeting in 27 Rogers.

THURSDAY, MAY 16.

1.30 P.M. Weekly Y. M. C. A. Meeting in Parish Hall of Trinity Church.

FRIDAY, MAY 17.

7.30 P.M. Annual Competitive Drill of the Freshman Cadet Battalion at the South Armory.

FACULTY NOTICE.

Summer Work.—The Bursar would like to hear from students who desire positions for the summer.

Second Year English.—Courses VI, VIII, XIII (Professor Bates) will meet Wednesday, May 15, at 12, in 23 Walker.

NOTICES.

Rifle Club.—There will be a general meeting of the M. I. T. Rifle Club at 1.30 P.M. Friday, in 26 Rogers. All members are earnestly requested to take part in the competition for the annual medal at Wakefield next Saturday. Leave names at Cage.

Cross Country.—Will the men who have been out on hare and hounds chases this spring send their names, the runs they were on, and the order they finished on each run, to J. N. Stephenson, chase captain. This information is necessary for the proper assignment of handicaps next fall.

Electrical Engineers.—A meeting of the Boston branch of the American Institute of Electrical Engineers will be held today at 8 P.M., in 6 Lowell. A paper entitled "An Analysis of the Distribution Losses in a Large Central Station System," will be given by L. L. Elden, engineer with the Edison Electric Illuminating Company.

British Empire Association.—At a meeting of the British Association on Monday night at the Union the following officers were elected for the ensuing year: Chairman, M. E. Denny; Vice-Chairman, B. L. Gimson; Secretary-Treasurer, E. M. Bettington; Executive Committee, E. E. Wells, and T. A. Tillard. A committee of three was appointed to secure the names of all Britishers entering Tech next year, with a view to enlarging the scope of the club.

TO THE EDITORS OF THE TECH:

I venture to send to you an extract from a private letter from a recent graduate. It may interest some of the undergraduates to see the change of view which sometimes comes to a man when he finds himself in contact with actual life.

"I have just received my April number of the *Technology Review*, and under the class notes of '06 I see that another classmate of mine also realizes now the importance of the general studies, such as English, History, Political Economy, etc., which we took up at the Institute. Although you did not

(Continued on Page 3.)

THE TECH

Published every Monday, Wednesday, and Friday during the college year (from September to June), by students of the Massachusetts Institute of Technology.

Entered as second-class matter October 6, 1904, at the post office at Boston, Mass., under the Act of Congress of March 3, 1879.

Editorial Staff.

M. E. DENNY, 1908, *Editor-in-Chief*
W. F. DOLKE JR., 1908, *Managing Editor*
B. W. HOOLE, 1908, A. K. MITCHELL, 1909
L. H. KING, 1909, B. E. HUTCHINSON, 1909
M. R. SCHARFF, 1909, H. I. PEARL, 1910
D. C. MCMURTRIE, 1910

News Staff.

F. R. POWELL, 1908, P. A. DEWEY, 1909
C. W. GRAM, 1909, W. D. GREEN, 1909

Business Staff.

R. W. PARLIN, 1907, *Business Manager*
P. B. LORD, 1909, G. A. HAYNES, 1909
R. S. BICKNELL, 1910.

OFFICE HOURS:

Editor-in-Chief, 30 Rogers
Tues., Wed., Sat., 10-11. Thu., Fri., 12-1.
Business Manager, 10-11. 1-2 Daily
Managing Editor, News Bureau, 8-9 Daily
Editor-in-Charge, News Bureau, 8-9 Daily
Tuesday and Thursday 4-5. Saturday 10-11

Contributions are requested from all undergraduates, alumni, and officers of instruction. No anonymous manuscript can be accepted. All communications regarding subscriptions or advertisements should be addressed to the Business Manager.

Subscription - \$1.50 per year in advance.
Single Copies 3 Cents.

In charge of this issue: D. C. McMurtrie, 1910.

Wednesday, May 15, 1907.

THE TECH takes pleasure in announcing the election of Mr. D. C. McMurtrie, 1910, to the Board of Editors.

College spirit, as the term is generally used, is hard to accurately define. It exists at all times and shows itself in many ways. Such spirit is the thing that makes an honor system effective, or makes a man shrink from doing anything that would cast reflection on the name of his institution. It is the thing that prompts a man to play on the second football team for several years in order to help the varsity along. It is the thing that makes a man come out for the track team, which he may not have the slightest chance of ever making, simply for the sake of the example he may set to others more talented or more able than himself.

But this is not all. College spirit exists more in the whole body than in the individual. It shows up very clearly in the judgment of men. It is always ready to give credit for nerve, patriotism and unselfish endeavor, even though unrewarded by the crown of accomplishment.

The man with true college spirit does not ask "What can I get out of it?" but rather "In what way can I serve my college?" He is willing to give up anything to accomplish this desire. This occasionally leads to extremes that some people consider foolish, but when we see the way in which it lifts a man out of himself and makes him leave behind every whit of selfishness and meanness we cannot doubt its value.

Such a spirit Technology sadly needs, a spirit that will bring out

more candidates for the teams, that will make men try things without stopping to count the individual reward. As it is now Tech appreciates accomplishment alone. Let us give the due to those whose efforts deserve it, and let us remove from every branch of Institute activity that spirit of individuality which now exists. Let us be able to truly quote as our motto, fully realizing its meaning,

Not the laurel, but the chase,
Not the victory but the race.

When interviewed on the subject of the monorail type of railroad Professor Swain said, "It is too soon to comment intelligently upon an announcement of such tremendous significance. It needs the deepest thought and I am not yet in possession of the details. The idea of sending a heavy railroad train across a single steel hawser suspended over a deep and swift river is rather calculated to send shivers up and down one's spinal column."

"Seriously, though, the idea is a momentous one. If it can be demonstrated that such a railroad can be practically built to attain such a high rate of speed, with a minimum cost, it will change the railroad system of the world. There are a good many 'ifs' to be considered, however, and I prefer to wait for further information and demonstration."

THE POPULAR PLACE TO TRADE

The Students' Drug Store

Under Copley Square Hotel
51 HUNTINGTON AVENUE
E. G. BOSSOM, PROPRIETOR
We carry a full line of Drug Store Goods



There is no Excuse
for your not having
the Best
EYEGLASSES
and **SPECTACLES**
at moderate cost
Our Optical Shops
are within easy reach
down town

13 1-2 Bromfield Street. Back Bay
288-290 Boylston Street.
PINKHAM & SMITH COMPANY

IF YOU LIKE TO
WEAR GLOVES
LONG, WEAR

Fownes Gloves

THEY WEAR LONGER

"THE GIRLS ARE FOND OF THESE"



Tech Emblems

Greatest Variety
Lowest Prices

BENT & BUSH

15 SCHOOL ST. BOSTON, MASS.



Photographer

160 Tremont Street

Special Prices to Students of the Institute of Technology

L. P. HOLLANDER & Co.

Men's Outfitters

Custom Tailoring Ready-to-Wear Clothes Men's Furnishings

208 BOYLSTON STREET

HATS HATS HATS

HALL & HANCOCK CO.

420 Washington Street, Boston, Mass.

LANDER'S

Lunch and Coffee House

Special Room for Ladies

25 Years Experience

20 HUNTINGTON AVENUE

NEAR COPLEY SQUARE

also at 46 HIGH STREET

TEL. 5319-1 BACK BAY BOSTON

FIRE PROOF



Hotel Lenox

Boylston and Exeter Streets
Back Bay, Boston

ONE OF THE FINEST MODERN
FIRE PROOF HOTELS IN THE
COUNTRY. TWO MINUTES'
WALK FROM THE BACK BAY
STATIONS, AND ONE BLOCK
FROM COPLEY SQUARE

CHARLES A. GLEASON, Manager
Send for illustrated booklet

Back Bay Hotel Cafe

259 COLUMBUS AVE.

A. D. BROWN, Prop.

Discount Tickets \$2.75 for \$2.50
\$5.50 for \$5.00

Order Cooking
A Specialty

\$10 \$60 TYPEWRITERS

Rebuilt machines with new platen, type, ribbons, etc., \$25 to \$35, Guaranteed.
Machines almost new at low prices. Rented, Repaired, Exchanged.

THE TYPEWRITER EXCHANGE, 38 BROMFIELD STREET, BOSTON, MASS.
J. E. MCCOLGAN, Mgr. Tel. 166, Main

COPLEY SQUARE HOTEL

Huntington Ave. Exeter and Blagden Streets

PATRONAGE OF "TECH" STUDENTS SOLICITED IN OUR CAFE AND LUNCH ROOM

The attention of Secretaries and Banquet Committees of Dining Clubs, Societies, Lodges, etc., is called to the fact that the Copley Square Hotel has exceptionally good facilities for serving Breakfasts, Luncheons or Dinners and will cater especially to this trade. 120 NEW ROOMS JUST COMPLETED.

Amos H. Whipple, Proprietor

STONE & WEBSTER

84 STATE STREET, BOSTON

General Managers of

The Lowell Electric Light Corporation. The Seattle Electric Company. Puget Sound Electric Railway. Columbus Electric Company. Cape Breton Electric Company, Ltd. El Paso Electric Company. Jacksonville Electric Company. Ponce Electric Company. Northern Texas Electric Company. The Minneapolis General Electric Company. Edison Electric Illuminating Co. of Brockton. Houghton County Electric Light Company. Brockton and Plymouth Street Railway Company. The Houghton County Street Railway Company. Whatcom County Railway and Light Company. Savannah Electric Company. Dallas Electric Corporation. Paducah Traction and Light Company. The Blue Hill Street Railway Company. Fort Hill Chemical Company. Tampa Electric Company. Terre Haute Traction & Light Company. General Electro-Chemical Company. Houston Electric Company. Fall River Gas Works Company. Galveston Electric Company.



LOWNEY'S

One Box will make a Happy Girl

Retail Store - 416 Washington St.
4 Doors North of Summer Street

Bon-Bons College Ices Soda

KANRICH'S MUSICIANS

For "Frat" receptions, dances, and all occasions where good music is desired.

ALBERT M. KANRICH
164A Tremont St.

C. F. HOVEY & CO.

Men's Furnishing Goods.
Custom Made Shirts a Specialty.
33 Summer Street
42 Avon Street **BOSTON.**

COPLEY LUNCH

The LITTLE PLACE AROUND The CORNER
GOOD FOOD LOW PRICES

Pinkham's Back Bay Express

OFFICES
Hotels Brunswick, Vendome and Lenox
TEL. 2668-1 B. B.

—THE— GARRISON HALL CAFE FOR TECH STUDENTS

Cuisine and Service Excellent
STUDENT TICKETS AT \$5.50

GEORGE R. HOWARD

TECH CHAMBERS DORMITORY FOR STUDENTS

IRVINGTON and ST. BOTOLPH ST.
BOSTON, MASS.

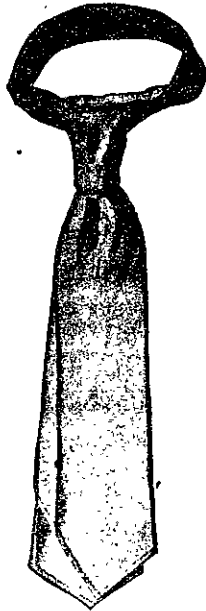
MISS EVERETT,

486 BOYLSTON ST.
Room 3, First Floor

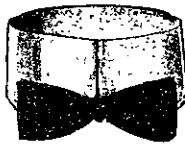
Stenography,
Typewriting,
Duplicating.

Special Attention Given to Thesis Copying.

Telephones { 21846 Back Bay
and
2433-3 Back Bay



New Smart Collars CRAVATS



Embracing all Desirable Qualities and varying in price from **\$1.00 to \$6.00.** Consult us to know the Linen, the Cravat and the Gloves to wear.

SHIRTS for all occasions **\$1.50 to \$7.50**

HOSIERY, Cotton, Lisle, Wool and Silk, **50c. to \$7.50** the pair

Fownes' Heavy Walking Gloves, hand sewn, \$1.50

For Street and Dress, Men's and Cadet's sizes, \$1.50 to \$3.00.

WAISTCOATS made from Silk, Flannel, Mercerized and Linen

Washington and Summer Streets, Boston, U.S.A.

(Continued from Page 1.)

know it at the time, I was one of the many, I fear too many, who could not see the value of such studies, but I write to you now to tell you that I am beginning to appreciate their importance. In fact, last Saturday when in Boston I called at the Registrar's office and obtained a copy of the summer-reading books of last summer with a view to using that list as a guide for my future reading. I see also by the Review that in Courses I and XIII sixty hours more are being devoted to these subjects of general education. I take this opportunity to express my approval of this change." I quote this

without permission, and therefore do not add the name.

ARLO BATES.

READING NOTICES.

Tutor.—Private instruction given evenings. Prepare for the exams now. C. W. Hawkes, '06, Room 1009, 101 Milk St., City. Tel. Main 6033.

Tutoring in Mathematics etc. E. H. Blade, care Cage.

Tutoring in Mathematics and Science. E. Q. Adams, Cage.

Lost.—A Lambda Phi fraternity pin. Reward offered for returning to G. E. F., Cage.

If you want to make money this summer

We have a proposition by which a good man can, in three months, make more than enough to defray his college expenses for the next year.

There is no outfit to buy and no catechism which you have to learn. All you need is your own gray matter and a little help from us from time to time.

If you will write us, we will gladly explain how we propose to make your next college year free from financial worry.

THE CURTIS PUBLISHING COMPANY

THE LADIES' HOME JOURNAL
THE SATURDAY EVENING POST

424 Cherry Street
Philadelphia, Pennsylvania

OUR \$35 Tech Suits Have No Equal

CHARLES JACOBSON, Custom Tailor

Formerly with F. L. Dunne

We also do Naptha or Steam
Cleansing, also Monthly Pressing.

Newbury Building
111 MASSACHUSETTS AVE.

PHILLIPS EXPRESS

Baggage Transfer

Furniture Moving. Freight Work. Promptly Done.
W. PHILLIPS, Prop. Office 34 St. James Ave.
TELEPHONE 978 B. B.

SOROSIS SHOES

FOR

College Men

New Spring
and Summer Models
Now Ready

Sorosis Shoes are distinctive, being made from exclusive designs, and combine comfort, style and durability.

BOSTON SOROSIS SHOPS

176 BOYLSTON STREET

THE OLD COLONY PRESS

Printers

Books, Periodicals, Catalogues
Commercial and Society Work

Telephone 1380 Main

152 PURCHASE STREET
Boston, Mass.

ELEVATOR

BUSINESS SUITS TO-ORDER

\$25 to \$45 Dress
Suits \$45 to \$60

L. F. BRIDGHAM

Merchant Tailor
25 Years' Experience

18 Boylston Street
Room 55

Dress Suits To Let



That "Collegy" Touch—

You know there's something about the style of the well-dressed college man's clothing that distinguishes him from the crowd.

This "collegy" touch of distinction is only possessed by clothing made by first class houses who specialize in the production of college men's clothing. It's the especial mark of college men's clothing made by the well-known firm of

A. Shuman & Co.
Boston

THE RIGHT OPPORTUNITY

is often missed by the young technical graduate. Employment experts, themselves technical graduates, who handle your case assist you in making your choice. Hundreds of positions now open. Write us today.

HAPCOODS

The National Organization of Brain Brokers
Broadway & Duane Street, New York

Tech Drug Store

Special Prices on
Chemicals Reagents and
Acids

Tech Cologne 50c.
Tech Note paper 25c. pkg.

Tech Cigarettes
M. I. T. on each Cigarette
\$1.25 per 100

Tech Cigars and all the
popular brands

T. Metcalf & Co.

COPLEY SQUARE
39 TREMONT STREET

HIGGINS'

Drawing-Inks
Etching-Inks
Engraving-Inks
Taurine Mucilage
Photo-Mount
Drawing-Board Paste
Liquid Paste
Office Paste
Vegetable Glue, Etc.



Are the Finest and Best Inks and
Adhesives. Emancipate yourself
from the use of corrosive and ill-
smelling inks and adhesives and
adopt the Higgins Inks and Ad-
hesives. They will bear revelation
to you, they are so sweet, clean,
and well put up.

At Dealers Generally.

CHAS. M. HIGGINS & CO., Mfrs.
Branches: Chicago, London
271 Ninth Street, Brooklyn, N.Y.

The only place to dine

is at the



332 MASSACHUSETTS AVENUE
BOSTON
461 COLUMBUS AVENUE

MAKER TO WEARER

THE
SPHINX

\$2.00 HAT

412 WASHINGTON ST. BOSTON

STRAW HATS

A. Howell & Co.
24 Winter
Jewellers
and
Importers
of
Novelties

TITLE OF THESES.—CLASS OF 1907.

COURSE I.

R. C. Albro, "A Study of Column Footings."

C. E. Allen, "A Plan for the Abolition of Grade Crossings at Braintree, Mass.," with H. B. Alvord.

L. Allen, "Design for a Draw-bridge."

J. P. Alvey, Jr., "Design for a Stone Dam."

J. M. Barker, "Tests of a Turbine Plant at Dalton, Mass.," with B. F. Mills.

C. W. Beam, "A Study of Floods in the Passaic Valley."

A. H. Cenedella, "Experiments to Determine the Coefficient of Discharge of Circular Weirs," with G. A. Dubois.

H. R. Chase, "Experimental Studies of the Lateral Thrust and Compressibility of Soils," with C. D. Howe.

R. F. Conron, "Experiments to Determine the Coefficient of Discharge of Circular Weirs," with T. W. Roby, Jr.

E. R. Cowen, "Experiments to Determine the Shearing Strength of Concrete," with F. R. Vander Stucken.

G. A. Crane, "Design for a Steel Railroad Bridge."

A. R. Cullimore, "A Study of Masonry Dams."

T. F. Dorsey, "Design for Steel Highway Bridge."

H. P. Farrington, "Experimental Studies of the Lateral Thrust and Compressibility of Soils," with J. E. Garratt.

B. G. Fogg, "Design for a Suspension Bridge."

A. P. Fuller, "A Plan for the Abolition of Grade Crossings at Quincy Adams," with G. S. Gould.

G. A. Griffin, "Design for a Sewerage System for Needham, Mass.," with P. B. Walker.

H. R. Hall, "Design for a Reinforced Concrete Railroad Bridge."

H. B. Hastings, "Tests on Steel Angles in Tension," with F. Morrill.

R. G. Hosea, "Design for a Reinforced-Concrete Highway Bridge."

J. F. Johnston, Jr., "A Design for a Reinforced-Concrete Mill Building."

J. Kimball, "A Study of the Accuracy of Current Meter Measurements," with E. G. Lee.

E. K. Lawrence, "Design for a Reinforced-Concrete Highway Bridge."

H. C. Libby, "Design for a Steel Highway Bridge."

H. D. Loring, "Design for a Three Hinged Arch."

P. W. Mack, "Design for a Dry Dock."

J. A. McElroy, "A Study of the Use of Compressed Air in Foundations."

R. Martinez, "Design for a Reinforced Concrete Building."

E. C. Noyes, "A Study of Reinforced-Concrete Water Tanks."

W. W. Pagon, "Design for a Reinforced-Concrete Colosseum" (as on Prof. Swain's sheet).

E. V. Potter, "A Plan for Improving a Country Estate near Belden's, Vt.," with P. N. Swett.

W. Ranney, "Plan for the Abolition of a Grade Crossing on the Medford Branch of the Boston and Maine R. R.," with W. G. Waldo.

R. E. Shedd, "A Study of Tests of Reinforced-Concrete Tech Beams."

E. A. Thornton, "A Study of Tunnel Arch Sections."

E. C. Wilson, "A Plan for the Development of Water Power at Winslow, Maine."

DON'T EAT
UNTIL YOU VISIT

THE AVENUE CAFE

For Steaks and Chops we Lead them all.
Everything First-Class at Moderate Prices.

WM. PINK & CO.

471 COLUMBUS AVE.
NEAR WEST NEWTON ST.

C. A. PATTEN & CO.

Merchant Tailors

D. B. FROCK SUITS
FULL DRESS SUITS OUR SPECIAL OFFER \$45

43 TREMONT ST., Carney Bldg.

COES AND STODDER

FOR FOURTEEN YEARS THE LEADING
COLLEGE SHOE SHOP

14 SCHOOL ST.

Theatre Attractions.

COLONIAL.—"The Spring Chicken."

CASTLE SQUARE.—"The Gondoliers."

GLOBE.—"Old Heidelberg."

MAJESTIC.—"The Three of Us."

PARK.—San Carlo Opera Company.

TREMONT.—The Time, Place and Girl.

HERRICK TICKETS ALL THEATRES

Copley Square

Telephone

2329, 2330 and 2331 Back Bay

W. M. ROWAN

"THE TECH BARBER"

Westminster Hotel . . . St. James Ave

SPECIAL TO STUDENTS
HAIR CUT 25 CENTS SHAVE 15 CENTS

PRESTON'S COFFEE HOUSE

1036 BOYLSTON STREET

NEAR MASSACHUSETTS AVENUE

TECH TRADE SOLICITED

T. J. SOUTHWELL

Stationer and Newsdealer

Circulating Library Laundry Agency
Ladies' and Gentlemen's Furnishings

66 HUNTINGTON AVENUE, BOSTON

Near cor. of Irvington Street

23

ST. BOTOLPH ST.

First-Class Board

M. E. PRIDHAM

WALDO H. COVELL.

MEN'S WEAR

HATS AND CAPS

28 HUNTINGTON AVENUE.

GEO. H. ELLIS CO

Printers

No. 272 CONGRESS STREET

BOSTON, MASS.

Phone, 1549

Spring and Summer, 1907

SPRING and SUMMER FABRICS are now ready for your inspection at our rooms. Thanking you for past favors we earnestly solicit your continued patronage. Early orders desired.

MORSE & HENDERSON

Tailors

Rooms 14 and 15 Telephone Oxford, 99
18 BOYLSTON ST., BOSTON, MASS.

DR. W. J. CURRIER

DENTIST

OFFICE HOURS 9 TO 4

90 HUNTINGTON AVENUE

Refers by permission to Prof. T. H. Bartlett.

SMULLEN & CO.

Tailors

51 Summer Street

Cor. Chauncy Street

BOSTON

Let us number you among our many
Customers at "Tech."

Highest Grade
Moderate Prices



Hotel Westminster

COPLEY SQUARE

BOSTON, MASS.